

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	((ERCAN) near2 (GIGI)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/09 13:44
S2	16	((ERCAN) near2 (GIGI)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/09 13:46
S3	6	((ERCAN) near2 (GIGI)).INV.	USPAT; USOCR	OR	ON	2006/11/09 13:53
S4	16	((ERCAN) near2 (GIGI)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/09 13:53
S5	238	(375/245).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 14:19
S6	5	(subtract\$3 or withdraw\$3) near5 (quantization near5 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 06:36
S7	13	(subtract\$3 or withdraw\$3) same (quantization near5 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:31
S8	8368	(subtract\$3 or withdraw\$3 or suppress\$3 or eliminat\$3) and (quantization near5 (noise or error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:47
S9	2111	(subtract\$3 or withdraw\$3 or suppress\$3 or eliminat\$3) same (quantization near5 (noise or error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:33
S10	25	S5 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:33

## EAST Search History

S11	58	S5 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 15:06
S12	2	ep-1033817-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 15:09
S13	2	("4151469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 15:10
S14	97531	window and frame and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 15:17
S15	4	(subtract\$3) near5 (quantization near noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 06:39
S16	65	(quantization near (noise near5 (reduc\$3 or subtract\$3))) near (device or unit or apparatus or system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 07:42
S17	10	("4812846"   "4937576"   "4968987"   "5073777"   "5204677"   "5252973"   "5388081"   "5493296"   "5563913"   "5634082").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/13 07:42
S18	140	(quantization near ((noise or error) near5 (reduc\$3 or subtract\$3))) near (device or unit or apparatus or system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:18

## EAST Search History

S19	12	(minimum near (quantization near level)) and (maximum near (quantization near level))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 10:28
S20	889840	(window\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:03
S21	6	S18 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:17
S22	353	(375/243).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 12:30
S23	18	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:18
S24	4	S18 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:20
S25	1018	(375/243 or 375/245 or 375/254). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:33
S26	69	S20 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:37

## EAST Search History

S27	44	(US-20020186776-\$ or US-20020141504-\$).did. or (US-6647064-\$ or US-6137809-\$ or US-5734679-\$ or US-5107519-\$ or US-5136615-\$ or US-5070515-\$ or US-4857928-\$ or US-4726037-\$ or US-4519085-\$ or US-4470146-\$ or US-4513426-\$ or US-4411001-\$ or US-3781686-\$ or US-3781685-\$ or US-5086475-\$ or US-4686509-\$ or US-5103229-\$ or US-4692737-\$ or US-4433311-\$ or US-5511095-\$ or US-5602874-\$ or US-5636295-\$ or US-5774842-\$ or US-5949908-\$ or US-6016327-\$ or US-5493296-\$).did. or (US-5204677-\$ or US-5073778-\$ or US-4351062-\$ or US-4672361-\$ or US-4677627-\$).did. or (WO-9918681-\$).did. or (JP-08205178-\$ or JP-10051316-\$ or JP-2000022549-\$ or JP-02124622-\$ or JP-04188914-\$ or JP-05206852-\$).did. or (JP-59039135-\$ or EP-369630-\$ or EP-658875-\$ or JP-09200057-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:41
S28	993	("signal-to-noise ratio" or "s/n") and filter and (real near part) and (imaginary near part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:24
S29	1	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:45
S30	2	S28 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:45
S31	12829	("signal-to-noise ratio" or "s/n") same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:53

## EAST Search History

S32	5	S31 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:46
S33	10770	("signal-to-noise ratio" or "s/n") and filter and window\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:03
S34	7	S33 and (S27 or S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 12:54
S35	60	("signal-to-noise ratio" or "s/n") with (filter near5 (multipl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:25
S36	0	S27 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:04
S37	11666	("signal-to-noise ratio" or "s/n") and (filter same (multipl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:11
S38	43	S37 and (S25 or S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:11
S39	480	(comput\$3 or estimat\$3 or determin\$3 or calculat\$3) with ("signal-to-noise ratio" or "s/n") with (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:16

## EAST Search History

S40	3	S39 and (S25 or S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:18
S41	2	(quantization near ((noise or error) near5 (reduc\$3 or subtract\$3))) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:19
S42	2	(quantization near ((noise or error) same (reduc\$3 or subtract\$3))) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:19
S43	2	(quantization near ((noise or error) and (reduc\$3 or subtract\$3))) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:20
S44	309	(noise or error) same (reduc\$3 or subtract\$3) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:35
S45	0	S25 and S27 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:22
S46	0	S27 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:22
S47	3	S25 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:24

## EAST Search History

S48	1304	((("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter) and (noise or error)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:25
S49	1304	((("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter)) and (noise or error)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:12
S50	6	S49 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:26
S51	55878	(noise or error) same (reduc\$3 or subtract\$3) same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:36
S52	164	S51 and (S25 or S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:36
S53	1018	(375/243 or 375/245 or 375/254). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:19

## EAST Search History

S54	44	(US-20020186776-\$ or US-20020141504-\$).did. or (US-6647064-\$ or US-6137809-\$ or US-5734679-\$ or US-5107519-\$ or US-5136615-\$ or US-5070515-\$ or US-4857928-\$ or US-4726037-\$ or US-4519085-\$ or US-4470146-\$ or US-4513426-\$ or US-4411001-\$ or US-3781686-\$ or US-3781685-\$ or US-5086475-\$ or US-4686509-\$ or US-5103229-\$ or US-4692737-\$ or US-4433311-\$ or US-5511095-\$ or US-5602874-\$ or US-5636295-\$ or US-5774842-\$ or US-5949908-\$ or US-6016327-\$ or US-5493296-\$).did. or (US-5204677-\$ or US-5073778-\$ or US-4351062-\$ or US-4672361-\$ or US-4677627-\$).did. or (WO-9918681-\$).did. or (JP-08205178-\$ or JP-10051316-\$ or JP-2000022549-\$ or JP-02124622-\$ or JP-04188914-\$ or JP-05206852-\$).did. or (JP-59039135-\$ or EP-369630-\$ or EP-658875-\$ or JP-09200057-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:05
S55	55920	(noise or error) same (reduc\$3 or subtract\$3) same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:05
S56	10	S53 and S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:05
S57	1304	((("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter)) and (noise or error)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:12
S58	1	S57 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:15



## EAST Search History

S59	291	((comput\$3 or estimat\$3 or determin\$3 or calculat\$3) near5 ("signal-to-noise ratio" or "s/n")) with (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:18
S60	0	S59 and S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:17
S61	2	S59 and (S53 or S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:17
S62	235	((comput\$3 or estimat\$3 or determin\$3 or calculat\$3) near5 (filter)) with ("signal-to-noise ratio" or "s/n")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:20
S63	2	S59 and (S53 or S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:18
S64	2184	(375/243 or 375/245 or 375/254 or 375/242).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:19
S65	2	S62 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 09:20